

PTO/SB/08A (08-00)

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Complete if Known

Application Number	09/894,125
Filing Date	June 29, 2001
First Named Inventor	Shunpei YAMAZAKI et al.
Group Art Unit	2823
Examiner Name	Brook Kebede
Attorney Docket Number	0756-2330

(use as many sheets as necessary)

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

Examiner Signature	<i>broon Kehede</i>	Date Considered	12/10/2004
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/894,125
Filing Date	June 29, 2001
First Named Inventor	Shunpei YAMAZAKI et al.
Group Art Unit	2823
Examiner Name	B. Kebede
Attorney Docket Number	0756-2330

Sheet 1 of 1

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
BU		JP	07-130652			05/19/1995		AB

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BU		R. Shimokawa et al., <i>Characterization of High-Efficiency Cast-Si Solar Cell Wafers by MBIC Measurement</i> , Japanese Journal of Applied Physics, Volume 27, No. 5, May, 1988, pp. 751-758	
BU		H. Furue et al., <i>P-78: Characteristics and Driving Scheme of Polymer-Stabilized Monostable FLCD Exhibiting Fast Response Time and High Contrast Ratio with Gray-Scale Capability</i> , SID, 1998	
BU		T. Yoshida, 33.2: <i>A Full-Color Thresholdless Antiferroelectric LCD Exhibiting Wide Viewing Angle with Fast Response Time</i> , SID Digest, 1997, pp. 841-844.	
BU		H. Dorin, et al., <i>Chemistry the Study of Matter</i> , Prentice Hall, Fourth Edition, 1992, p. 532.	
BU		Y. Aya, et al., <i>Improvement of SPC Poly-Si Film Using the ELA Method</i> , 1997 International Workshop on Active-Matrix Liquid-Crystal Displays, September 11-12, 1997, pp. 167-170.	
BU		H. Abe, et al., <i>High-Performance Poly-Crystalline Silicon TFTs Fabricated Using the SPC and ELA Methods</i> , 1998 International Workshop on Active-Matrix Liquid-Crystal Displays, July 9-10, 1998, pp. 85-88.	
BU		S. Inui, et al., <i>Thresholdless Antiferroelectricity in Liquid Crystals and its Application in Displays</i> , J. Mater. Chem., 1996, pp. 671-673	

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Examiner Signature	B. Kebede	Date Considered	12/10/2004
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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1 of 2

Application Number: _____
 Filing Date: June 29, 2001
 First Named Inventor: Shunpei YAMAZAKI et al.
 Group Art Unit: 2823
 Examiner Name: B. Kebede
 Attorney Docket Number: 740756-2330

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
BK		5,147,826	Liu et al.	09/15/1992	X
BK		5,461,250	Burghartz et al.	10/24/1995	
BK		4,986,213	Yamazaki et al.	01/22/1991	
BK		6,124,154	Miyasaka	09/26/2000	
BK		5,403,772	Zhang et al.	04/04/1995	
BK		5,426,064	Zhang et al.	06/20/1995	
BK		5,639,698	Yamazaki et al.	06/17/1997	
BK		5,843,833	Ohtani et al.	12/01/1998	
BK		5,994,172	Ohtani et al.	11/30/1999	
BK		5,879,977	Zhang et al.	03/09/1999	
BK		6,140,165	Zhang et al.	10/31/2000	
BK		6,096,581	Zhang et al.	08/01/2000	
BK		6,054,739	Yamazaki et al.	04/25/2000	
BK		6,027,960	Kusumoto et al.	02/22/2000	

Considered on 12/10/2004

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document Office ³ Number ⁴ Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ¹
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Dorin et al., "Chemistry The Study of Matter", 1992, pp. 532, Prentice Hall	
		Aya et al., "Improvement of SPC poly-Si Film Using the ELA Method", September 11-12, 1997, pp. 167-170, AM-LCD.	
		Abe et al., High-Performance Poly-Crystalline Silicon TFT's Fabricated Using the SPC and ELA Methods", July 9-10, 1998, pp. 85-88, AM-LCD.	
		"Thresholds antiferroelectricity in liquid crystals and its application to displays", S. Inui et al., J. Mater. Chem., 6(4), pages 671-673, 1996.	
BK		U.S. Patent Application Serial No. 09/369,158 "Semiconductor Device and Method of Manufacturing the Same".	
BK		U.S. Patent Application Serial No. 09/352,194 "Crystalline Semiconductor Thin Film, Method of Fabricating the Same Semiconductor Device, and Method of Fabricating the Same".	

Examiner Signature: Brook Kebede Date Considered: April 20, 2002

Brook Kebede

12/10/2004

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/894,125
Filing Date	June 29, 2001
First Named Inventor	Shunpei YAMAZAKI et al.
Group Art Unit	2823
Examiner Name	B. Kebede
Attorney Docket Number	0756-2330

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ³ (if known)			
BK		5,869,387		Sato et al.	02/09/1999	
BK		5,985,681		Hamajima et al.	11/16/1999	
BK		6,221,738		Sakaguchi et al.	04/24/2001	
BK		6,335,541		Ohtani et al.	01/01/2002	
BK		6,559,036		Ohtani et al.	05/06/2003	

FOREIGN PATENT DOCUMENTS

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Examiner Signature	Brown Kebede	Date Considered	12/10/2004
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/894,125
		Filing Date	June 29, 2001
		First Named Inventor	Shunpei YAMAZAKI et al.
		Group Art Unit	2823
		Examiner Name	B. Kebede
Sheet 1 of 1	Attorney Docket Number	0756-2330	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS								
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		Office ³	Number ³	Kind Code ² (if known)				
BK		JP	09-312260			12/02/1997		AB

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Examiner Signature	BROOK Kebede	Date Considered	12/10/2004
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				Application Number	09/894,125
				Filing Date	June 29, 2001
				First Named Inventor	Shunpei YAMAZAKI et al.
				Group Art Unit	2823
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		Number	Kind Code ² (if known)			
BK		5,563,426		Zhang et al.	10/08/1996	
BK		6,100,562		Yamazaki et al.	08/08/2000	
BK		6,093,934		Yamazaki et al.	07/25/2000	
BK		6,093,587		Ohtani	07/25/2000	
BK		6,027,987		Yamazaki et al.	02/22/2000	
BK		5,907,770		Yamazaki et al.	05/25/1999	
BK		5,891,764		Ishihara et al.	04/06/1999	
BK		2003/0094625		Yamazaki et al.	05/22/2003	
BK		2002/0119633		Yamazaki et al.	08/29/2002	
BK		2002/0013114		Ohtani et al.	01/31/2002	
BK		2001/0036692		Yamazaki et al.	11/01/2001	
BK		6,365,933		Yamazaki et al.	04/02/2002	
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		Office ²	Number ²	Kind Code ² (if known)				
BK		JP	10-135469			05/22/1998		Full
BK		JP	10-125927			05/15/1998		Full

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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BK		Final Office Action dated December 24, 2003 for U.S. Serial No. 09/908,727 filed July 20, 2001.	

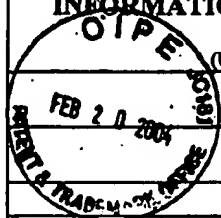
Examiner Signature	Brook Kebede	Date Considered	12/10/2004
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Sheet 1 of 2

Form PTO-1449 (Rev. 8-83)	U.S. Department of Commerce Patent and Trademark Office	Attorney Docket No 56-2330	Serial No. Not Yet Assigned
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shunpei YAMAZAKI et al. Filing Date: June 29, 2001 Group Art Unit: 2823	


 1037 U.S. PTO
 09/894125
 08/28/01

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (if appropriate)
BK	5,594,569	01/14/1997	Konuma et al.			
BK	5,643,826	07/01/1997	Ohtani et al.			
BK	5,923,962	07/13/1999	Ohtani et al.			
BK	5,854,096	12/29/1998	Ohtani et al.			
BK	5,616,506	04/01/1997	Takemura			
BK	5,696,386	12/09/1997	Yamazaki			
BK	5,712,191	01/27/1998	Nakajima et al.			
BK	5,888,857	03/30/1999	Zhang et al.			
BK	5,960,323	09/28/1999	Wakita et al.			
BK	6,093,937	07/25/2000	Yamazaki et al.			
BK	6,121,076	09/19/2000	Zhang et al.			
BK	6,077,731	12/20/2000	Yamazaki et al.			
BK	5,846,869	12/08/1998	Hashimoto et al.			
BK	5,365,875	11/22/1994	Asai et al.			
BK	5,529,937	06/25/1996	Zhang			
BK	5,923,966	07/13/1999	Teramoto et al.			
BK	5,569,610	10/29/1996	Zhang et al.			
BK	5,869,363	02/1999	Yamazaki et al.			
BK	5,616,932	04/01/1997	Sano et al.			
BK	5,910,015	06/08/1999	Sameshima et al.			

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation	Yes	No
07-130652	05/19/1996	Japan			Abstract		
08-078329	03-22-1996	Japan			Abstract		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Characterization of High-Efficiency Crystalline Silicon Solar Cell Wafers by MBIC Measurement", Ryoichi Shimokawa et al., Japanese Journal of Applied Physics, Vol. 27, No. 5, pages 751-758, 1988. "Characteristics and Driving Scheme of Polymer-Stabilized Monostable FLCD Exhibiting Fast Response Time and High Contrast Ratio with Gray-Scale Capability", H. Furue et al., SID 1998 "A Full-Color Thresholdless Antiferroelectric LCD Exhibiting Wide Viewing Angle with Fast Response Time", T. Yoshida et al., SID DIGEST, pages 841-844, 1997.

 Examiner Brook Kebede Date Considered April 20, 2002

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